


BAR CODE LABEL		U.S. PATENT APPLICATION			
					
SERIAL NUMBER		FILING DATE	CLASS	GROUP ART UNIT	
08/448,644		05/24/95 RULE 60	348	2602	
APPLICANT	JOHN C. HARVEY, NEW YORK, NY; JAMES W. CUDDIHY, NEW YORK, NY.				
	CONTINUING DATA***				
	VERIFIED	THIS APPLN IS A CON OF 08/113,329 08/30/93			
		WHICH IS A CON OF 08/056,501 05/03/93 PAT 5,335,277			
		WHICH IS A CON OF 07/849,226 03/10/92 PAT 5,233,654			
	WHICH IS A CON OF 07/588,126 09/25/90 PAT 5,109,414				
	WHICH IS A CON OF 07/096,096 09/11/87 PAT 4,965,825				
	WHICH IS A CIP OF 06/829,531 02/14/86 PAT 4,704,725				
	WHICH IS A CON OF 06/317,510 11/03/81 PAT 4,694,490				
	FOREIGN/PCT APPLICATIONS***				
	VERIFIED				
	FOREIGN FILING LICENSE GRANTED 09/21/95				
STATE OR COUNTRY	SHEETS DRAWING	TOTAL CLAIMS	INDEPENDENT CLAIMS	FILING FEE RECEIVED	ATTORNEY DOCKET NO.
NY	22	1	1	\$860.00	5634.163,
ADDRESS	THOMAS J SCOTT JR				
	HOWREY & SIMON				
TITLE	1299 PENNSYLVANIA AVENUE NW				
	WASHINGTON DC 20004				
SIGNAL PROCESSING APPARATUS AND METHODS					
This is to certify that annexed hereto is a true copy from the records of the United States Patent and Trademark Office of the application which is identified above.					
By authority of the COMMISSIONER OF PATENTS AND TRADEMARKS					
Date		Certifying Officer			

*** APPLICATION INFORMATION DISPLAY ***

04/08/98 07:56

DETAIL
INFORMATION:

CONTENTS:

SC/SN: 08/448644
 FILD: 05/24/95
 PATNO: PUBNO: C999888
 ISSDT: 00/00/00 PUBDT: 00/00/00 F448644
 ABNDT: 00/00/00 PG PUB CL/SC: /
 APPL: HARVEY ET AL
 LOC: 2733 LOC DT: 02/07/98 BATNO: 000
 CHG-LOC: 27X1 IE TEAM: 00 ISSN: 00
 CHG TO-NAME: NOT ASSIGNED
 TOT ACT: 03 STATUS: 061 STADT: 02/05/98
 RESP CD: FR.. START DT: 02/05/98 DUE DT: 05/05/98
 EXMR NO/NAME: 71288/MARCELO, MELVIN
 DOCKET DATE: 11/13/97 GAU: 2733 L R CD: 01
 ATTY DOCK #: 5634.163 LOST N LOST DT 00/00/00
 APPLN TYPE: 1 TYPE SM ENT: 0 UNMAT PET: N
 CURR CL/SC: 359/125.000 FOR PRIOR CL: N PET FAOM:
 TITLE OF INVENTION: UNAVAIL FOR ACTION: N PP UNAVAIL:
 SIGNAL PROCESSING APPARATUS AND METHODS

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 21 CTR O 02/05/98
 20 DOCK D 01/30/98
 19 DOCK D 11/13/97
 18 L.SP O 11/12/97
 17 CTMS O 11/10/97
 16 FWDX E 08/26/97
 15 A... I 07/21/97
 14 XT/G I 07/21/97
 13 M844 I 04/07/97
 12 A.PE I 03/07/96
 11 M844 I 02/06/96
 10 M844 I 12/11/95
 09 A.PE I 05/24/95
 08 MAIL O 01/27/97
 07 CTNF F 12/09/96
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*** APPLICATION INFORMATION DISPLAY ***

07/28/98 08:19

DETAIL

CONTENTS:

SC/SN: 08/448644

FILDT: 05/24/95

PATNO:

PUBNO:

E265023

ISSDT: 00/00/00

PUBDT: 00/00/00

E265023

ABNDT: 00/00/00

PGPUB CL/SC:

C999888

APPL: HARVEY

ET AL

F448644

LOC: 27M6 LOCDT: 07/28/98 BATNO: 000

CHG-LOC: IE TEAM: 00 ISSNO: 00

CHGTO-NAME: NOT ASSIGNED

TOT ACT: 04 STATUS: 083 STADT: 07/28/98

RESP CD: FR.. START DT: 02/05/98 DUE DT: 05/05/98

EXMR NO/NAME: 71288/MARCELO. MELVIN

DOCKET DATE: 11/13/97 GAU: 2733 L R CD: 01

ATTY DOCK #: 5634.163 LOST N LOST DT 00/00/00

APPLN TYPE: 1 TYPE SM ENT: 0 UNMAT PET: N

CURR CL/SC: 359/125.000 FOR PRIOR CL: N PET FAOM:

TITLE OF INVENTION: UNAVAIL FOR ACTION: N PP UNAVAIL:

SIGNAL PROCESSING APPARATUS AND METHODS

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25 FWDX E 07/22/98

24 A.NE I 04/06/98

23 LET. I 07/16/98

22 MAIL 0 02/05/98

21 CTFR 0 02/05/98

20 DOCK D 01/30/98

19 DOCK D 11/13/97

18 L.SP 0 11/12/97

17 CTMS 0 11/10/97

16 FWDX E 08/26/97

15 A... I 07/21/97

14 XT/G I 07/21/97

13 MS44 I 04/07/97

12 A.PE I 03/07/96

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*** APPLICATION INFORMATION DISPLAY ***

08/11/98 09:23

DETAIL
INFORMATION:

SC/SN: 08/448644
 FILD: 05/24/95
 PATNO: PUBNO: E265023
 ISSDT: 00/00/00 PUBDT: 00/00/00 E265023
 ABNDT: 00/00/00 PGPUB CL/SC: / C999888
 APPL: HARVEY ET AL F448644
 LOC: 27P3 LOCDT: 08/10/98 BATNO: 000
 CHG-LOC: IE TEAM: 00 ISSNO: 00
 CHGTO-NAME: NOT ASSIGNED
 TOT ACT: 04 STATUS: 083 STADT: 07/28/98
 RESP CD: FR.. START DT: 02/05/98 DUE DT: 06/05/98
 EXMR NO/NAME: 71288/MARCELO, MELVIN
 DOCKET DATE: 11/13/97 GAU: 2733 L R CD: 01
 ATTY DOCK #: 5634.163 LOST N LOST DT 00/00/00
 APPLN TYPE: 1 TYPE SM ENT: 0 UNMAT PET: N
 CURR CL/SC: 359/125.000 FOR PRIOR CL: N PET FAOM:
 TITLE OF INVENTION: UNAVAIL FOR ACTION: N PP UNAVAIL:
 SIGNAL PROCESSING APPARATUS AND METHODS

CONTENTS:

30 FWDX E 08/08/98
 29 SA.. I 07/29/98
 28 XT/G I 07/29/98
 27 MAIL O 07/28/98
 26 CTAV O 07/27/98
 25 FWDX E 07/22/98
 24 A.NE I 04/06/98
 23 LET. I 07/16/98
 22 MAIL O 02/05/98
 21 CTFR O 02/05/98
 20 DOCK D 01/30/98
 19 DOCK D 11/13/97
 18 L.SP O 11/12/97
 17 CTMS O 11/10/97
 16 FWDX E 08/26/97
 15 A... I 07/21/97
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